THERMOCHIMICA ACTA, VOLUME 137 (1988–1989)

AUTHOR INDEX

Ahmed, M.A. 255
Alessi, P. 21
Allan, J.R. 205
Amer, S.A. 189
Ayaad, M.M. 189

Benedetti, E. 95
Bertucco, A. 21
Bluskov, V.N. 217
Boling, Y. 307
Borghesani, G. 165
Borrull, F. 263
Botor, J. 269
Bowley, H.J. 205
Buschmann, H.-J. 331

Calderaro, E. 137
Casais-Alvarez, M.T. 177
Casanova, C. 241
Cerda, V. 263
Ciambelli, P. 51
Cobos, J.C. 241
Corbo, P. 51
Costa, G. 129
Costa, G.A. 65
Cygański, A. 337

D'Alessio, A., 95
De Lisi, R. 151
Di Renzo, F. 71
Donia, A.M. 189

Earnest, C.M. 353, 365
Erriu, G. 79

Ferloni, P. 39
Fermeglia, M. 21
Ferretti, M. 65

Gallagher, P.K. 373
Galleschi, F. 95
García, I. 241
Garcí-Clavel, M.E. 177
Gerrard, D.L. 205
Giolito, I. 319
Grader, G.S. 373
Grolier, J.-P.E. 241

Horányi, T.S. 247
Hossain, T. 225

Ionashiro, M. 319
Ishii, T. 293

Jiaodong, J. 307

Klissurski, D.G. 217
Konieczny, J. 269

La Ginestra, A. 71
La Mantia, F.P. 105
La Mesa, C. 143
Lanzavecchia, L. 123
Liu, M. 105

Magagnini, P.L. 105
Makesonski, L.E. 217
Marino, O. 59
Martínez-Lope, M.J. 177
Mascolo, G. 59
Mazzocchia, C. 71
Milioto, S. 151
Miłkowska, G. 269
Mineely, P.J. 197
Moscardini D'Assunção, L. 319
Mousa, M.A. 255

O'Bryan, H.M. 373
Olcese, G.L. 65
Onnis, S. 79

Paci, M. 105
Paton, A.D. 205
Pawlak, Z. 87
Paz Andrade, M.I. 387
Pedemonte, E. 115, 123
Pelino, M. 71
Plewa, J. 281
Podder, J. 225
Pracella, M. 95
Pulidori, F. 165

Radwan, F.A. 255
Ranieri, G.A. 143
Reller, A. 11
Remelli, M. 165
Reuter, M.A. 383
Rizzo, G. 137
Roux-Desgranges, G. 241

Saeed, A.A.H. 391
Sanesi, M. 39
Sarmiento, F. 387
Semino, G. 115
Spadaro, G. 137
Steindor, J. 281

Tempesti, E. 71
Terenzi, M. 143
Titinchi, S.J. 391
Trefiletti, V. 129
Turek, A. 337
Turturro, A., 115
Turvey, K. 205

Urbańczyk, G. 87

van Deventer, J.S.J. 383
Valenti, B. 129
Valenza, A. 105, 137

Wadsö, I. 1
Woldan, M. 233

Xiao, T.H. 79

Zabinska, G. 39
Zucca, N. 79

THERMOCHIMICA ACTA, VOLUME 137 (1988–1989)

SUBJECT INDEX

Acrylic acid,
Thermal, spectral, magnetic and electrical studies of cobalt(II) and nickel(II) with 3-(3-pyridyl)acrylic acid (Allan et al.) 205
Activated carbon,
Catalytic gasification of activated carbon by CO_2 (van Deventer, Reuter) 383
Ageing,
Ageing due to gamma radiation of three linear low-density polyethylenes. Solubility and calorimetric results (Rizzo et al.) 137
Ammonium tetrafluoroborates,
On the thermal properties of some di- and tri-alkylammonium tetrafluoroborates (Zabinska et al.) 39

3,1-Benzoxazines,
The effect of temperature on the mass fragmentation of some 3,1-benzoxazines (Saeed, Titinchi) 391
Bismuth,
Calorimetric heat of transition assignments by microcomputer-based differential thermal analysis. Part I. The α–δ (monoclinic to cubic) transition of bismuth(III) oxide (Earnest) 353
Boronic acids,
Thermal stability of polymer-supported boronic acids functionalized with molybdenum derivatives (Tempesti et al.) 71

Carbonates,
Thermal decomposition of the hydrated basic carbonates of lanthanides and yttrium (Moscardini D'Assunção et al.) 319
Thermoanalytical study of the system Pb^{2+}–Zn^{2+} coprecipitated as binary carbonates (García-Clavel et al.) 177
Carbonization,
The role of heteroatoms on the carbonization and graphitization of poly-nuclear aromatic compounds (Hossain, Podder) 225
Chromates,
Characterisation of some new chromates $M_2Fe_3(OH)_5(CrO_4)_3 \cdot 3H_2O$ (M = Li, Na) (Mineely) 197
Cobalt,
Complex formation of cobalt(II) and copper (II) with macrocyclic polyethers in propylene carbonate (Buschmann) 331
Kinetic thermometric determination of Co(II) and Cu(II) based on their catalytic effect on permanganate decomposition in basic media (Borrull, Cerda) 263
Thermal, spectral, magnetic and electrical studies of cobalt(II) and nickel(II) with 3-(3-pyridyl)acrylic acid (Allan et al.) 205
Copper,
Complex formation of cobalt(II) and copper (II) with macrocyclic polyethers in propylene carbonate (Buschmann) 331
Kinetic thermometric determination of Co(II) and Cu(II) based on their catalytic effect on permanganate decomposition in basic media (Borrull, Cerda) 263

Desorption,
Acid-base properties of zeolites by acetic acid temperature programmed desorption (Ciambelli, Corbo) 51
Diols,
Solute-solute-solvent interactions in dilute ternary aqueous solutions of urea and α,ω-aliphatic diols. Excess enthalpies and Gibbs energies (Borghesani et al.) 165
Dispersity,
Preparation of V_2O_5 with an enhanced dispersity by thermal decomposition of oxalates and peroxides (Klissurski et al.) 217

Electrical conductivity,
Electrical conductivity behaviour in $(C_nH_{2n})(NH_3)_2FeCl_4$ complexes (n = 2, 3, 7 and 10) (Ahmed et al.) 255
Emanation thermal analysis,
Thermal characterization of the near-surface of polycrystalline metal oxides, NiO, CuO and MgO, by emanation thermal analysis using ^{226}Ra as parent isotape (Ishii) 293
Equations of state,
Correlation of thermodynamic properties of fluids by means of equations of state (Alessi et al.) 21
Excess properties,
Excess properties of mixtures of some n-alkoxyethanols with organic solvents IV. H^EV^E

and C_p with 2-methoxyethanol at 298.15 K (Cobos et al.) 241

Fluids,
Correlation of thermodynamic properties of fluids by means of equations of state (Alessi et al.) 21

Gasification,
Catalytic gasification of activated carbon by CO_2 (van Deventer, Reuter) 383

Graphitization,
The role of heteroatoms on the carbonization and graphitization of polynuclear aromatic compounds (Hossain, Podder) 225

Hydrogenated species,
Characterization of the hydrogenated species in $Li_2Ti_4O_9 \cdot nH_2O$ by isothermal weight-change determination (Marino, Mascolo) 59

Hydrogen-bond,
Calorimetric study of hydrogen-bond formation in acetonitrile for some hydrogen bisphenolates and hydrogen-trimethyl-N-oxide-phenolates at 298.15 K (Pawlak, Urbańczyk) 87

Heat of transition,
Calorimetric heat of transition assignments by microcomputer-based differential thermal analysis. Part I. The α–δ (monoclinic to cubic) transition of bismuth(III) oxide (Earnest) 353
Calorimetric heat of transition assignments by microcomputer-based differential thermal analysis. Part II. The γ–β (orthorhombic to hexagonal) transition of barium carbonate (Earnest) 365

Indium,
Interpretation of DSC curves of the indium melting process and determination of the thermal resistance R, thermal time constant RC_s and least separation temperature L (Boling, Jiaodong) 307

Krafft point solubility
Studies on Krafft point solubility in surfactant solutions (La Mesa et al.) 143

Lamellar-micellar transition,
Lysophosphatidylcholine-water system: calorimetric study of the lamellar-micellar transition before and after gamma-radiation (Erriu et al.) 79

Lanthanides,
Thermal decomposition of the hydrated basic carbonates of lanthanides and yttrium (Moscardini D'Assunção et al.) 319

Lysophosphatidylcholine,
Lysophosphatidylcholine-water system: calorimetric study of the lamellar-micellar transition before and after gamma-radiation (Erriu et al.) 79

Mammalian cell,
Progress and problems in microcalorimetric work on mammalian cell systems (Wadsö) 1

Mass fragmentation,
The effect of temperature on the mass fragmentation of some 3,1-benzoxazines (Saeed, Titinchi) 391

Micellar phases,
Thermodynamics of transfer of some nitroalkanes from aqueous to dodecyltrimethylammonium bromide micellar phases (Milioto, De Lisi) 151

Molybdenum,
Thermal stability of polymer-supported boronic acids functionalized with molybdenum derivatives (Tempesti et al.) 71

Nickel,
The thermal stability of the β-$Ni(OH)_2$-β-NiOOH system (Horanyi) 247
Thermal, spectral, magnetic and electrical studies of cobalt(II) and nickel(II) with 3-(3-pyridyl)acrylic acid (Allan et al.) 205

Nitroalkanes,
Thermodynamics of transfer of some nitroalkanes from aqueous to dodecyltrimethylammonium bromide micellar phases (Milioto, De Lisi) 151

Permanganate,
Kinetic thermometric determination of Co(II) and Cu(II) based on their catalytic effect on permanganate decomposition in basic media (Borrull, Cerda) 263

Phenolates,
Calorimetric study of hydrogen-bond formation in acetonitrile for some hydrogen bisphenolates and hydrogen-trimethyl-N-oxide-phenolates at 298.15 K (Pawlak, Urbańczyk) 87

Polycrystalline metal oxides,
Thermal characterization of the near-surface of polycrystalline metal oxides, NiO, CuO and MgO, by emanation thermal analysis using ^{226}Ra as parent isotape (Ishii) 293

Polyethers,
Complex formation of cobalt(II) and copper(II) with macrocyclic polyethers in propylene carbonate (Buschmann) 331

Polyethylenes,
Ageing due to gamma radiation of three lin-

ear low-density polyethylenes. Solubility and calorimetric results (Rizzo et al.) 137
Polymer blends,
Crystallization kinetics of binary polymer blends (Pedemonte et al.) 115
Thermal and FT-IR analysis of polymer blends based on functionalized polyolefins (Pracella et al.) 95
Polymers,
Compatibility of blends of poly(butylene terephthalate) and liquid crystal polymers: A DSC study (Paci et al.) 105
Poly(styrene),
Evaluation of the interaction parameter for poly(styrene)-poly-(α-methylstyrene) mixtures from heat of solution measurements (Lanzavecchia, Pedemonte) 123

Reduction,
Reduction of $Ba_2YCu_3O_7$ and $Y_2Cu_2O_5$ by H_2 (Gallagher et al.) 373

Schiff base,
Thermochromism and thermal decomposition of V(III) and VO(IV) complexes with Schiff base derivatives (Donia et al.) 189
Solids,
Internal and external parameters determining properties and reactivity of solids (Reller) 11
Solvation,
Enthalpies of solvation of alkali and halide ions in water–acetamide mixtures in the range 298.15–348.15 K (Woldan) 233
Superconductor,
Heat capacity measurements of the high T_c superconductor $YBa_2Cu_3O_{7-x}$ (Costa et al.) 65
Surfactant,
Studies on Krafft point solubility in surfactant solutions (La Mesa et al.) 143

Thermal decomposition,
Studies on thermal decomposition of caesium–sodium chlorothiocyanatobismuthates(III) (Cygański, Turek) 337
Thermal stability,
The thermal stability of the β-$Ni(OH)_2$–β-NiOOH system (Horanyi) 247
Thermochromism,
Thermochromism and thermal decomposition of V(III) and VO(IV) complexes with Schiff base derivatives (Donia et al.) 189
Thermotropic polyesters,
Characterization of some thermotropic polyesters by differential scanning calorimetry (Costa et al.) 129
Thynnus thunnus,
Microcalorimetric measurement of the specific heat of *Thynnus thunnus* (Sarmiento, Paz Andrade) 387

Urea,
Solute-solute-solvent interactions in dilute ternary aqueous solutions of urea and α,ω-aliphatic diols. Excess enthalpies and Gibbs energies (Borghesani et al.) 165

Vanadium oxides,
Preparation of V_2O_5 with an enhanced dispersity by thermal decomposition of oxalates and peroxides (Klissurski et al.) 217
Vapour pressure,
Vapour pressure and thermodynamics of PbS(s) (Botor et al.) 269

Yttrium,
Thermal decomposition of the hydrated basic carbonates of lanthanides and yttrium (Moscardini D'Assunção et al.) 319

Zeolites,
Acid-base properties of zeolites by acetic acid temperature programmed desorption (Ciambelli, Corbo) 51
Zinc sulfate,
Investigation of basic zinc sulfate thermal decomposition under nitrogen and carbon monoxide atmosphere (Plewa, Steindor) 281